

**DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION**

Original     Supplemental     Substitute     PCT     Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; and I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: MOBILE TERMINAL APPARATUS

which is described and claimed in (if the following box is not checked, the specification of which is attached hereto):

the attached specification, or  
 the specification in the Application No. \_\_\_\_\_ filed on \_\_\_\_\_;  
 and with amendments filed on \_\_\_\_\_ (if applicable), or  
 the specification in International Application No. PCT/JP2004/016414  
 filed November 5, 2004 and as amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a-d), §172, or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed:

| COUNTRY | APPLICATION NO. | DATE OF FILING   | PRIORITY CLAIMED |
|---------|-----------------|------------------|------------------|
| Japan   | P. 2003-376661  | November 6, 2003 | Yes              |
|         |                 |                  |                  |
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|         |                 |                  |                  |

Additional foreign or international application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below.

| Number | (Day/Month/Year Filed) |
|--------|------------------------|
|        |                        |
|        |                        |
|        |                        |

Additional U.S. provisional application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(C) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of

Docket No.

the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

| APPLICATION NO. | U.S. FILING DATE | STATUS: PATENTED, PENDING, ABANDONED |
|-----------------|------------------|--------------------------------------|
|                 |                  |                                      |
|                 |                  |                                      |
|                 |                  |                                      |

Additional U.S. or international application numbers are listed on a supplemental priority sheet attached hereto.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the attorneys and agents associated with U.S. Patent and Trademark Office Customer Number identified below to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that customer number.

I hereby authorize the U.S. attorneys and agents associated with the customer number to accept and follow instructions from Matsushita Electric Industrial Co., Ltd., and any affiliated or subsidiary company thereof, received via their corporate representatives and/or their foreign patent attorneys or agents, if any, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys or agents and myself.

Direct Correspondence to:

**CUSTOMER NUMBER 52054**

I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

|                                     |  |                           |   |                                     |
|-------------------------------------|--|---------------------------|---|-------------------------------------|
| Full Name of Sole or First Inventor | FIRST NAME<br>Takeaki  | LAST NAME<br>Teramae      | SIGNATURE<br><i>Takeaki Teramae</i>   | DATE OF SIGNATURE<br>April 25, 2006 |
| Residence & Citizenship             | CITY<br>Kanagawa   | STATE OR COUNTRY<br>Japan | COUNTRY OF CITIZENSHIP<br>Japan   |                                     |
| Post Office Address                 | ADDRESS<br>c/o Panasonic Mobile Communications Co., Ltd., 600, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa<br>224-8539 Japan | CITY                      | STATE OR COUNTRY<br>c/o Panasonic Mobile Communications Co., Ltd., 600, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa<br>224-8539 Japan | ZIP CODE                            |

|                              |  |                           |   |                                     |
|------------------------------|--|---------------------------|---|-------------------------------------|
| Full Name of Second Inventor | FIRST NAME<br>Yasuka   | LAST NAME<br>Onishi       | SIGNATURE<br><i>Yasuka Onishi</i>   | DATE OF SIGNATURE<br>April 25, 2006 |
| Residence & Citizenship      | CITY<br>Kanagawa   | STATE OR COUNTRY<br>Japan | COUNTRY OF CITIZENSHIP<br>Japan   |                                     |
| Post Office Address          | ADDRESS<br>c/o Panasonic Mobile Communications Co., Ltd., 600, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa<br>224-8539 Japan | CITY                      | STATE OR COUNTRY<br>c/o Panasonic Mobile Communications Co., Ltd., 600, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa<br>224-8539 Japan | ZIP CODE                            |

Docket No.

MEI Form -1.2, (July 1, 2005)

|                                |  |                                      |                                    |  |
|--------------------------------|--|--------------------------------------|------------------------------------|--|
| Full Name of<br>Third Inventor | FIRST NAME<br>Kenji  | LAST NAME<br>Hasegawa                | SIGNATURE<br><i>Kenji Hasegawa</i> | DATE OF SIGNATURE<br><i>April 28, 2006</i> |
| Residence & Citizenship        | CITY<br>Kanagawa   | STATE OR COUNTRY<br>Japan            | COUNTRY OF CITIZENSHIP<br>Japan    |  |
| Post Office Address            | ADDRESS<br>c/o Panasonic Mobile Communications Co., Ltd., 600, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa<br>224-8539 Japan | CITY<br>STATE OR COUNTRY<br>ZIP CODE | STATE OR COUNTRY<br>ZIP CODE       |  |

|                                 |  |                                      |                                     |  |
|---------------------------------|--|--------------------------------------|-------------------------------------|--|
| Full Name of<br>Fourth Inventor | FIRST NAME<br>Motoya   | LAST NAME<br>Miyauchi                | SIGNATURE<br><i>Motoya Miyauchi</i> | DATE OF SIGNATURE<br><i>April 27, 2006</i> |
| Residence & Citizenship         | CITY<br>Tokyo  | STATE OR COUNTRY<br>Japan            | COUNTRY OF CITIZENSHIP<br>Japan     |  |
| Post Office Address             | ADDRESS<br>c/o Panasonic Mobile Communications Co., Ltd., 600, Saedo-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa<br>224-8539 Japan | CITY<br>STATE OR COUNTRY<br>ZIP CODE | STATE OR COUNTRY<br>ZIP CODE        |  |

|                                |            |                  |                        |                   |
|--------------------------------|------------|------------------|------------------------|-------------------|
| Full Name of<br>Fifth Inventor | FIRST NAME | LAST NAME        | SIGNATURE              | DATE OF SIGNATURE |
| Residence & Citizenship        | CITY       | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |                   |
| Post Office Address            | ADDRESS    | CITY             | STATE OR COUNTRY       | ZIP CODE          |

|                                |            |                  |                        |                   |
|--------------------------------|------------|------------------|------------------------|-------------------|
| Full Name of<br>Sixth Inventor | FIRST NAME | LAST NAME        | SIGNATURE              | DATE OF SIGNATURE |
| Residence & Citizenship        | CITY       | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |                   |
| Post Office Address            | ADDRESS    | CITY             | STATE OR COUNTRY       | ZIP CODE          |

|                                  |            |                  |                        |                   |
|----------------------------------|------------|------------------|------------------------|-------------------|
| Full Name of<br>Seventh Inventor | FIRST NAME | LAST NAME        | SIGNATURE              | DATE OF SIGNATURE |
| Residence & Citizenship          | CITY       | STATE OR COUNTRY | COUNTRY OF CITIZENSHIP |                   |
| Post Office Address              | ADDRESS    | CITY             | STATE OR COUNTRY       | ZIP CODE          |

(If there are more than seven inventors, please add a copy of this page for identification and signature for the additional inventors)

The above application may be more particularly identified as follows:

U.S. Application No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number P036604-01 Attorney Docket No. \_\_\_\_\_

**ASSIGNMENT**Matsushita Ref: P036604-01

Application Serial No. \_\_\_\_\_

Japanese Firm Ref: M21-211610M/RS

US Firm Ref: \_\_\_\_\_

WHEREAS, the undersigned has (have) invented the invention entitled:

|  |                        |  |
|--|------------------------|--|
| Box 1  |                        |  |
| Title of Invention:<br>MOBILE TERMINAL APPARATUS   |                        |  |
| 1. For use when signing Declaration prior to filing U.S. patent application (check only one box below)   |                        |  |
| (a) <input type="checkbox"/> for which an application for U.S. patent has been executed by the undersigned concurrently herewith, or   |                        |  |
| (b) <input type="checkbox"/> for which an application for U.S. patent has been executed on the following date(s): _____, or<br>(if the Declaration and Assignment are signed on the same day, check (a) and make no entry in the blank; if the Declaration was signed before this Assignment, enter the date(s) on which you signed the Declaration) |                        |  |
| (c) <input checked="" type="checkbox"/> for which an International Application has been filed as:<br>(for the PCT-US national entry, check only (c) and enter PCT application number in the right)   |                        |  |
| PCT Application No.  | PCT/JP2004/016414 and, |  |
| 2. For use when signing Declaration after filing U.S. patent application   |                        |  |
| (d) <input type="checkbox"/> for which an application for U.S. patent has been filed on: Application Filing Date _____ and,  |                        |  |

WHEREAS, Matsushita Electric Industrial Co., Ltd. of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN, its heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee") is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee the entire and exclusive right, title and interest in and to; (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisonals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States and any foreign patent(s) to the Assignee and to vest all rights hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents, and officials of all foreign countries, whose duty is to issue patents, to issue any and all Letters Patent(s) resulting from said application or any and all Related Applications thereof to said Assignee and hereby covenants that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any assignment, sale, agreement or encumbrances in conflict herewith.

The undersigned hereby does sell, assign and transfer unto said Assignee the full and exclusive authority for revoking power of attorney(s) executed by the undersigned in connection with this application and for appointing a new power of attorney in place thereof. The undersigned hereby grant(s) the Assignee and the appointed U.S. patent attorneys and agents the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent Office for recordation of this document. The undersigned hereby agree(s) that the above obligations shall apply to the undersigned both individually and collectively.

The undersigned hereby agree(s) that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

| Box 2 (Each Inventor please Sign and Date below) |                           |                        |                 |
|--|---------------------------|------------------------|-----------------|
|  | (e) First Name, Last Name | (f) Signature          | (g) Date signed |
| (1)  | Takeaki Teramae           | <i>Takeaki Teramae</i> | April 25, 2006  |
| (2)  | Yasuka Onishi             | <i>Yasuka Onishi</i>   | April 25, 2006  |
| (3)  | Kenji Hasegawa            | <i>Kenji Hasegawa</i>  | April 25, 2006  |
| (4)  | Motoya Miyauchi           | <i>Motoya Miyauchi</i> | April 27, 2006  |

Check if additional paper(s) is/are attached. Total of 1 pages are submitted.